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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,424	08/13/2001	James Clough	10011005-1	1219

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

PWU, JEFFREY C

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 11/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/929,424

Applicant(s)

CLOUGH ET AL.

Examiner

Jeffrey Pwu

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-36 are rejected under 35 U.S.C. 102(e) as being unpatentable over Himmel et al. (U.S. 6,742,052).

Himmel et al. disclose claims:

1. A system for accessing network-accessible devices comprising: multiple network-accessible devices, each device comprising:
a wireless transmitter for wirelessly transmitting associated address data for receipt by individual client devices, the address data being configured for use in accessing, via a network, a network accessible device that wirelessly transmitted the associated address data (120, 122 of fig.5); and
a connection module for establishing a network link with one or more client devices based upon the wirelessly transmitted address data, said link permitting individual client devices to access a network accessible device using the associated address data (128, 130, 132).
2. The system of claim 1, wherein said link comprises a wireless link (title, abstract)
3. The system of claim 1, wherein said link comprises a wired link (abstract)
4. The system of claim 1, wherein said link comprises an Internet link (fig.11)
5. The system of claim 1, wherein said link comprises a wireless Internet link (fig.11)
6. A system for accessing Internet-connected printers comprising:
one or more Internet-connected printers, individual printers comprising:

a wireless transmitter for wirelessly transmitting associated address data for receipt by individual client devices, the address data being configured for use in accessing, via the Internet, an internet connected printer that wirelessly transmitted the associated address data (col.11, lines 1-14); and

an Internet connection module for establishing an Internet link with one or more client devices based upon the wirelessly transmitted address data, said Internet link permitting individual client devices to access an Internet-connected printer using the associated address data (fig.11)

7. The system of claim 6, wherein the Internet connection module is configured to establish a wireless Internet link (122)

8. A network-accessible device comprising: one or more processors;
one or more computer-readable media;

a wireless transmitter for wirelessly transmitting address data associated with the device, the address data being useable to establish an Internet connection with the device (fig.11);

an Internet connection module for establishing an Internet connection (122);and

instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to:

transmit address data for the device using the wireless transmitter; establish an Internet connection using the connection module, the Internet connection being establishable with one or more client devices that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data; and permit interaction with the device via the Internet connection (130, figs. 8-10).

9. The network-accessible device of claim 8, wherein the Internet connection comprises a wireless connection (abstract)

10. The network-accessible device of claim 8, wherein the Internet connection comprises a wired connection (fig.4).

11. The network-accessible device of claim 8, wherein the wireless transmitter comprises a bluetooth transmitter (10).

12. The network-accessible device of claim 8, wherein the address data comprises at least one URL (fig.11, 292).

13. An Internet-connected printer comprising: one or more processors; one or more computer-readable media; a wireless transmitter for wirelessly transmitting address data associated with the printer, the address data being useable to establish an Internet connection with the printer; an Internet connection module for establishing an Internet connection; and instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to: transmit address data for the printer using the wireless transmitter; establish an Internet connection using the Internet connection module, the Internet connection being establishable with one or more client devices that receive the wirelessly transmitted address data, and being based on the wirelessly transmitted address data; and permit interaction with the printer via the Internet connection (col.7, line 33-col.9, line 45).

14. A client device comprising: one or more processors; one or more computer readable media; a wireless receiver for receiving wirelessly transmitted address data associated with one or more Internet-accessible devices; a connection module for establishing an Internet connection; and instructions on the computer-readable media which, when executed by the one or more processors, cause the processors to: establish an Internet connection using the connection module; process address data wirelessly received by the wireless receiver from at least one Internet-accessible device; and establish an Internet link with one or more Internet-accessible devices using the address data (col.7, line 33-col.9, line 45; fig.11).

15. The client device of claim 14, wherein the Internet connection comprises a wireless connection (abstract).

16. The client device of claim 14, wherein the Internet connection comprises a wired connection (col.5, line 17-col.6, line 67).

17. The client device of claim 14, wherein the instructions cause the processors to establish a wireless Internet connection (FIG.11).

18. The client device of claim 14, wherein the instructions cause the processors to establish a wired Internet connection (col.5, line 17-col.6, line 67).

19. The client device of claim 14, wherein the wireless receiver comprises a bluetooth receiver (10).

20. The client device of claim 14, wherein the address data comprises a URL (292).

21. A method for accessing network-accessible devices comprising: wirelessly beaconing address data associated with a particular device, the address data being configured for receipt by one or more client devices so that the one or more client devices can use the address data to establish an Internet link with the particular device for interacting with the particular device; and establishing an Internet link with one or more client devices based on the wirelessly beacons address data, said link permitting interaction between the particular device and the one or more client devices (CLAIM 1; 28 of fig.5).

22. The method of claim 21, wherein said beaconing is performed by the particular device (figs. 5-8).

23. The method of claim 21, wherein said beaconing comprises using infrared technology to beacon the address data (it is inherent in wireless technology)

24. The method of claim 21, wherein said beaconing comprises using RF technology to beacon the address data (it is inherent in wireless technology).

25. The method of claim 21, wherein said beaconing comprises using bluetooth technology to beacon the address data (it is inherent in wireless technology).

26. The method of claim 21, wherein said address data comprises a URL (292).

27. The method of claim 21, wherein said establishing the Internet link comprises establishing a wireless Internet link (fig.11).

28. One or more computer-readable media having computer-readable instructions thereon which, when executed by one or more processors, cause the processors to: wirelessly beacon address data associated with a network-accessible device, the address data being configured for receipt by one or more client devices so that the one or more client devices can use the address data to establish an Internet link with the network-accessible device for interacting with the network-accessible device; and

establish an Internet link with one or more client devices based on the wirelessly beacons address data, said link permitting interaction with the one or more client devices (col.11, lines 1-14).

29. A method for accessing Internet-accessible devices comprising: discovering one or more Internet-accessible devices by wirelessly receiving one or more URLs associated with and transmitted by the Internet accessible devices; establishing an Internet connection with the one or more Internet accessible devices based on the one or more URLs; and interacting with the one or more Internet-accessible devices via the Internet connection (col.11, line 1-col.12, line 4).

30. The method of claim 29, wherein said establishing comprises establishing a wireless Internet connection (abstract)

31. The method of claim 29, wherein said establishing comprises establishing a wired Internet connection (col.5, line 34-col.6, line 67).

32. A method of accessing an Internet-connected printer comprising: wirelessly receiving, with a client device, address data associated with one or more Internet-connected printers; processing the address data with the client device to establish an Internet link with one or more Internet-connected printers; and interacting with the Internet-connected printers via the Internet link (col.11, line 1-65).

33. The method of claim 32, wherein said wirelessly receiving comprises bringing the client device into close proximity with an Internet-connected printer that is transmitting address data (col.11, line 1-65).

34. The method of claim 32, wherein said processing comprises establishing a wireless Internet link using the address data (figs. 5-8).

35. The method of claim 32, wherein said processing comprises establishing a wired Internet link using the address data (col.11, line 1-42).

36. One or more computer-readable media having computer-readable instructions thereon which, when executed by one or more processors on a client device, cause the processors to:

wirelessly receive, with the client device, address data associated with one or more Internet-connected printers; process the address data with the client device to establish

an Internet link with one or more Internet-connected printers; and interact with the Internet-connected printers via the Internet link (col.11, line 1-65).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey Pwu whose telephone number is 571-272-6798.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Sunday, October 31, 2004

JEFFREY PWU
PRIMARY EXAMINER